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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/774,637	02/01/2001	Koichiro Tanaka	740756-2256	3042	
31780	7590	01/04/2005	EXAMINER		
ERIC ROBINSON				DIAZ, JOSE R	
PMB 955				ART UNIT	
21010 SOUTHBANK ST.				PAPER NUMBER	
POTOMAC FALLS, VA 20165				2815	

DATE MAILED: 01/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AIC

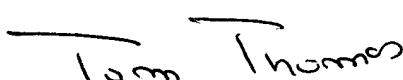
<b>Response to Rule 312 Communication</b>	Application No.	Applicant(s)
	09/774,637	TANAKA, KOICHIRO
Examiner	Art Unit	
José R. Díaz	2815	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1.  The amendment filed on 29 November 2004 under 37 CFR 1.312 has been considered, and has been:

- a)  entered.
- b)  entered as directed to matters of form not affecting the scope of the invention.
- c)  disapproved because the amendment was filed after the payment of the issue fee.  
Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.
- d)  disapproved. See explanation below.
- e)  entered in part. See explanation below.

See Examiner Amendment attached hereto.

  
 TOM THOMAS  
 SUPERVISORY PATENT EXAMINER  
 11/12/2004

#### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Eric Robinson (Reg. No. 38,285) on December 15, 2004.

The application has been amended as follows:

Please correct the following typographical error on page 54, line 2:

The driving voltages of the shift ~~resister~~ register circuits 501a and 501b are between 5 and ...

#### ***Correspondence***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to José R. Diaz whose telephone number is (571) 272-1727. The examiner can normally be reached on Monday through Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Thomas can be reached on (571) 272-1664. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JRD  
12/15/04

*Tom Thomas*  
TOM THOMAS  
SUPERVISORY PATENT EXAMINER  
TECHNICAL GROUP 2000